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PROCEEDINGS
OF
THE ROYAL GEOGRAPHICAL SOCIETY.

[ISSUED APRIL 10TH, 1867.]

SESSION 1866-7.

Fourth Meeting, January 14th, 1867.

SIR RODERICK I. MURCHISON, BART., K.C.B., PRESIDENT, in
the Chair.

PRESENTATION.—*Capt. J. B. Caldbeck.*

ELECTIONS.—*Thomas Black, Esq.; Robert Brown, Esq.; Capt. George Ernest Bulger, F.L.S., &c.; Michael G. Graham, Esq., M.D.; O'Dell Travers Hill, Esq.; William B. Lambert, Esq., C.E.; David Maccloughlin, Esq., M.D., ETC.; Lawrence Oliphant, Esq. (of Coudie, Perthshire); William Henry Potter, Esq.*

ACCESSIONS TO THE LIBRARY SINCE THE LAST MEETING. *Donations.*—Maillet's 'Description of Egypt.' Hague, 1740. 'Climat de St. Reno,' Dr. Daubeny. 'Lettres sur la Morée et les Isles de Cerigo,' par Castellan. 'Reisebeschreibungen für die Jugend,' by J. H. Campe. 'Nurnberg,' von Dr. F. Maher; 'Nurnberg,' von J. F. Roth (Guide-books). 'Prag,' von Dr. L. Alucklessig. Lindau's 'Sacher-schen Schweiz.' Körber's 'Fremdenführer in Frankische Schweiz.' Julin's 'Semmering und Reichenau Führer.' Müller's 'Aachen und Umgebungen.' Cutler's 'Spa and its Mineral Springs.' Geuth's 'Iron Waters of Schwalbach in Nassau.' Hoser's von 'Franzens-brun bey Eger.' Eger & Elster, 'Marienbad, Carlsbad,' etc. Herrlein's 'Aschaffenburg.' Polak's 'Ischal Guide.' Tylor's 'His-torical Tour in Franconia.' 'Guide to the Grand Chartreuse.' 'Guide to Chartreuse de Pavia.' Miss Pardoe's 'Chartreuse.' 'Guide al Sacro Monte di Varallo.' All presented by S. M. Drach, Esq., F.R.G.S. 'Ricordi di un Viaggio in Oriente.' Rome, 1866. 'Diffu-sione Geographia.' Rome, 1862. 'Di Clima di Gondogoro.'

Rome, 1861. 'Sulla Scoperta delle Origini del Nilo.' 1864. All presented by the author, M. Nardi. 'On the use of Petroleum for Locomotives.' 'Ueber das Zeitalter des Geographen Eudoxus des Astronomen Gemios.' 'Ueber die antiken Namen und die Geographie der Baumwolle im Alterthum.' 'Report on the visits of Lieut.-Colonel Merewether, c.b., to places between Aden and Suez.' Wilson's 3rd volume of 'Imperial Gazetteer of England and Wales.' Portfolio from Cassel, 'Theoretisch-Practische Schule des Situationszeichnens.' A manuscript, 'Appertenant à l'Ouvrage de Cialdi, sur les Movements de la Mer et ses Effets,' pages 535-57. Cialdi, 'Sul Moto Ondoso del Mare.' Cialdi, 'Ports Canaux.' Baer, St. Petersburg, 'Der Haut Gefunden Mammuths, und die zur Vergung desselben ausgerüstete Expedition.' A manuscript, 'Australia formerly a Satellite to the Earth; a Philosophical Treatise on the Earth and its Satellites,' by W. Watson, Sydney, Australia. 'Cathay, and the way thither.' Hakluyt Society. Bailliver's 'New South Wales Gazetteer and Road Guide.' By the Government of New South Wales. 'Descriptive Notes on Peking; with a large Map compiled from native authorities. By Henry Kopsch and Edg. Tainor. 'Physical Geography,' by Ansted. 1867. 'The Elements; an Investigation of the Forces determining the Position of the Ocean.' By Jordan (W. L.). Loffter's 'Forsog paa en Geonostic,' etc. Malte-Brun's 'Resumé Historique et Geographique de l'Exploration de Gerhard Rohlfs, au Zouât et à In-Calah.' The Alps of Hannibal,' by Wm. J. Law, M.A., F.R.G.S. Presented by the Author.

Purchased.—'Amerigo Vespucci, son Caractère,' etc. 'La Florida del Inca,' by de la Vega. 'Chronologico para la Historia de Florida.' 'Principles of Geology,' by Sir C. Lyell. 'Die Insel Cypem.' 'Der Niger der Alten.' 'Die Preussische Expedition nach Ost-Asien.'

ACCESSIONS TO THE MAP-ROOM SINCE THE LAST MEETING.—Maps of the Ordnance Survey of Great Britain, 346 in number. Presented by the Ordnance Survey Office, Southampton, through Sir H. James, R.E., Director. Map of Central Asia, by Lieutenant-Colonel J. T. Walker, from British and Russian authorities. Presented by C. R. Markham, Esq., Secretary. Map of the Island of Java, showing the political divisions and volcanoes, by Dr. A. Petermann. Map of the River San Francisco (Brazil), by Eml. Liais, Esq. Presented by Dr. A. Petermann. A Map of London, showing the Metropolitan Railways and Miscellaneous Improvements to 1867. By E. Stanford, Esq. Presented by the author. Map of Equatorial Africa, illustrating M. du Chaillu's Routes in 1864-5. Presented by M. du Chaillu. River Volta and country adjacent, by Chr. Hornberger,

&c. Presented by Dr. A. Petermann, 1867. Map of the Marquesas Islands, Pacific Ocean. Presented by Dr. A. Petermann. Map of the Sulden-Gebietes, near Ortler, the Rhætian Alps. Presented by Dr. A. Petermann.

The following Papers were read:—

1. *Notes of a Journey from Bida, in Nupe, to Kano, in Hausa, performed in 1862 by Dr. W. B. BAIKIE, R.N. Extracted from portions of Dr. Baikie's Journals in possession of the Foreign Office.* By J. KIRK, Esq., M.D., F.R.G.S.

(Communicated by the FOREIGN OFFICE.)

DR. BAIKIE left Lukoja, the British settlement formed by him opposite the confluence of the Binuwe and the Niger, in December, 1861, on a journey to Hausa, to recover the papers of Dr. Vogel and other travellers. He remained at Bida, the capital of Nupe, until the month of April following, and then set out on his march in a north-easterly direction towards Kano. On his journey he passed through several towns of considerable population, the inhabitants of which spoke the Hausa language. On the fifteenth day of the march (April 28th) his party entered the country of Zariya, and on the 30th reached the capital of that district, which is one of the great centres of commerce of Hausa. The silk-cotton trees which surround the town make its site conspicuous in the midst of the plain; there are upwards of 1000 of these trees, varying from 50 to 70 feet in height. The height of the plain above the sea is 2000 feet, and rivers drain it to the Kaduna and thence to the Kwora. On the 26th May Dr. Baikie left Zariya, diverging from his route to visit the King at his war-camp, and resuming his north-easterly course on the 18th of June. On the 29th, having left the town of Antsan, they found the streams flowing in an opposite direction, to pass round Bebeji and join one of the affluents of Lake Tshad: after crossing several of these streams the party reached Kano on the 2nd July. He was well received by the King, who was at his war-camp in the south-easterly part of his dominions, and all the papers of the European travellers were ordered to be delivered up to him; but it now appeared that the greater part were at Zinder, whither they had been taken by the Azhenawa after the murder of Corporal Maguire. The paper concluded with tables of routes and barometric observations, and lists of the Kings of Zariya and Kano. It will be printed *in extenso* in the 'Journal,' vol. xxxvii.

The PRESIDENT said the thanks of the Society were due to the Foreign Office for communicating this abstract of the adventurous journeys of the late Dr. Baikie, undertaken in the course of his mission to Africa. He would also ask the meeting to return their thanks to Dr. Kirk, the companion of Livingstone, for having prepared this excellent abstract, from the voluminous docu-